

**basic mri course
for new mr
radiographers.
basic technical
essentials:
neuro imaging.**

2 days theory
2 days hands-on
March 20-23 2012

Accreditation by
cpd now
the College of Radiographers

NUMBER OF PARTICIPANTS | theoretical component: number of participants is limited | **hands-on training**: subgroups of 4 participants.

4 DAYS (ACCREDITED) | Course commences with theory and includes 2 days of hands-on training on MR system.

OBJECTIVES | **basic MR component**: participants obtain theoretical and applied knowledge of various aspects relating to MRI basics, and of practical usage of MRI system in order to perform basic examinations | **basic neuro component**: participants complement and deepen their theoretical and state-of-the-art knowledge of several aspects relating to brain and spine imaging.

AIM | **basic MR component**: course includes both theoretical and practical components, and provides a package that enables radiographers to handle basic MRI examinations | **basic Neuro component**: course includes both theoretical and practical components, and a theoretical and practical explanation of state-of-the-art brain and spine protocols. Radiographers can handle basic brain and spine examinations and adapt basic parameters and protocols. The goal is to achieve the best image quality for various pathologies by using specific protocols and manipulating scan parameters.

CONTENT | **basic MR component**: introduction to MR technology, basics of MR physics, specific MR terminology used by different vendors, overview of MR systems, safety, HW/SW components, basic RF Pulse sequences, interactive quiz | **basic Neuro component**: overview of MR RF pulse sequences that are used, state-of-the-art MRI brain and spine, key MR parameters and how to optimise/customize them, protocol setup, interactive quiz | **hands-on training** on Philips MR system is included and covers practical items such as: MR console and user interface | workflow and protocol setup | patient/coil positioning.

COST | £275 per day

LOCATION | Mansion House, 3 Bridgewater Embankment, (Manchester Road) Altrincham, Cheshire WA14 4RW T: 0161 929 5679

REGISTRATION FORMS | wilma@emric.fr

Diagnostic Healthcare Ltd is a network of centres of excellence in screening, scanning and reporting services. diagnostichealthcareltd.com



EMRIC trains and consults students and professionals on almost all areas and levels of MRI and MRS. emric.fr

